



## WGSL Bacteriological Monitoring Report for 1-18-11

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## Results of Analyses

## Waimanalo Gulch Sanitary Landfill Monitoring

January 18, 2011

Samples collected Monday, January 17, 2011 (5<sup>th</sup> day):

Collection		<u>Enterococci</u> <sup>1</sup>	<u>C. perfringens</u> <sup>2</sup>	<u>Salinity</u>
<u>Station</u>	<u>Time</u>			
Fountain	10:57 A.M.	2,300	30	1.2
*Farrington Hwy.	10:14 A.M.	96,000	80	0.3
West Station	9:26 A.M.	110	10	34.3
*Ocean Outlet	8:55 A.M.	3,900	10	30.7
East Station	8:26 A.M.	31	9	34.6

\* Pumping operations to Ocean Outlet terminated on 1/16. What was sampled was the residue that had ponded at the respective sampling sites.

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<sup>1</sup> EPA-821-12-06-009, Method 1600: Enterococci in Water by Membrane-Filtration using Membrane-Enterococcus Indoxyl- $\beta$ -D-glucoside agar (mEI) July 2006.

<sup>2</sup> Bisson, J.W., Cabelli, V.J., "Membrane Filter Enumeration Method for *Clostridium perfringens*," Applied and Environmental Microbiology, Jan 1978; Armon, R., Payment, P., "A Modified mCP Medium for Enumerating *C. perfringens* from Water Samples," Canadian Journal of Microbiology, 1988.